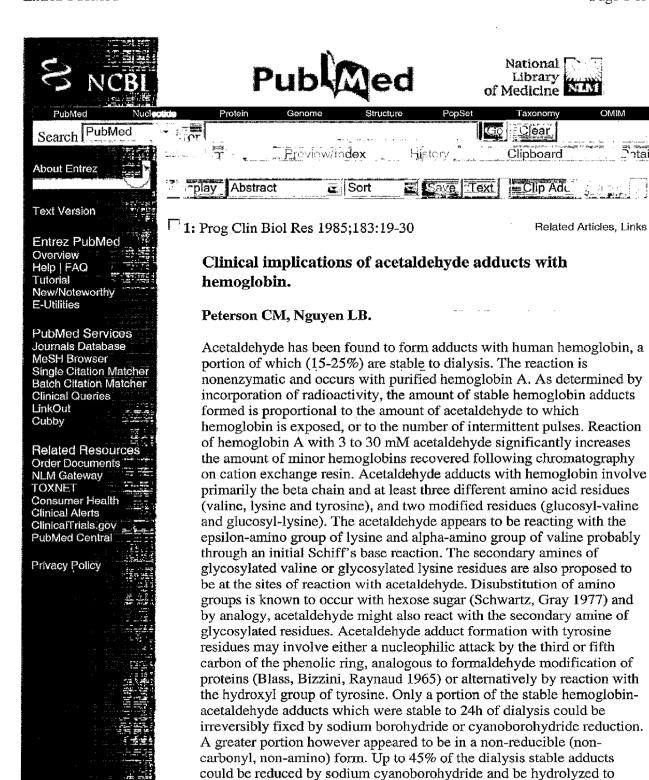
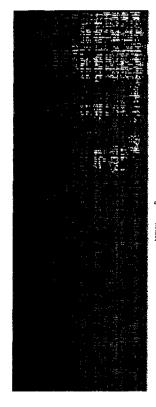
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amino acid adducts if given either sufficient reduction time (2-3 weeks at 22 degrees C) or increased temperature (1-2 days at 50 degrees C). An increase in reducible adduct recovery occurred in all 5 residues detected



by amino acid analysis. This suggests that the adducts that are stable to acid hydrolysis form and reverse through a reducible (e.g. Schiff base) form but that most of the time the adducts occur in a non-reducible state. At present, assay systems are not available which can detect acetaldehyde adducts in the blood of humans consuming alcohol.(ABSTRACT TRUNCATED AT 400 WORDS)

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